



#11.1k  
B. White  
12-11-91

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
GEORGE J. MURAKAWA, ET AL. :  
Group Art Unit 187 :  
Filed: September 1, 1989 :  
Examiner: M. Escallon :  
Serial No. 07/402,450 :  
FOR: METHOD FOR AMPLIFICATION :  
AND DETECTION OF :  
RNA SEQUENCES :

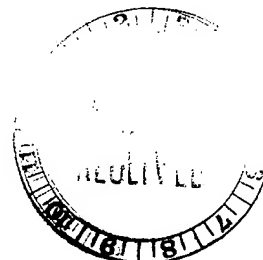
INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of  
Patents and Trademarks  
Washington, D. C. 20231

Sir:

Referring to the references cited Form PTO-1449, Statement, Slamon (Tab AR) and Kraus (Tab AS) do not describe a co-amplification assay. Chelly (Tab AT), published in June, 1988 is not prior art with respect to this application because the inventions defined by the pending claims were first disclosed at least as early as parent application Serial No. 07/148,959. See, e.g., the Abstract.

With regard to Sninsky, U.S. patent 5,008,182 (Tab AA), positive controls are referenced in the paragraph beginning in line 59 of column 15. See also Example I, line 14, column 16 and claims 24 (referring to positive and negative controls) and 26. The Sninsky controls may test for the binding of the primers to the control HIV sequence and an amplification product may be observed when the Sninsky assay is working, but may not be observed when the assay is not working. The controls of Sninsky merely provide for determination of the binding of the primers to



the HIV control sequence, but do not monitor false positive and false negative data in the way required by claim 18.

Respectfully submitted,



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